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NTC-71-12325-20H

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NASA TT F-10,888
NTC 71-16327-20H

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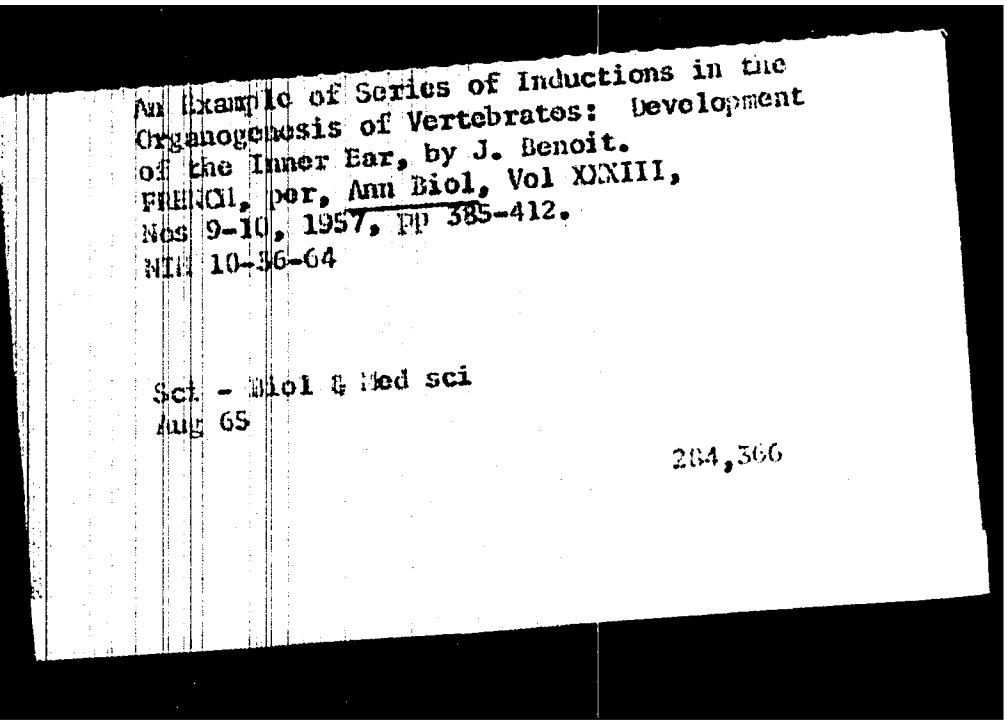

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NIH 10-26-64

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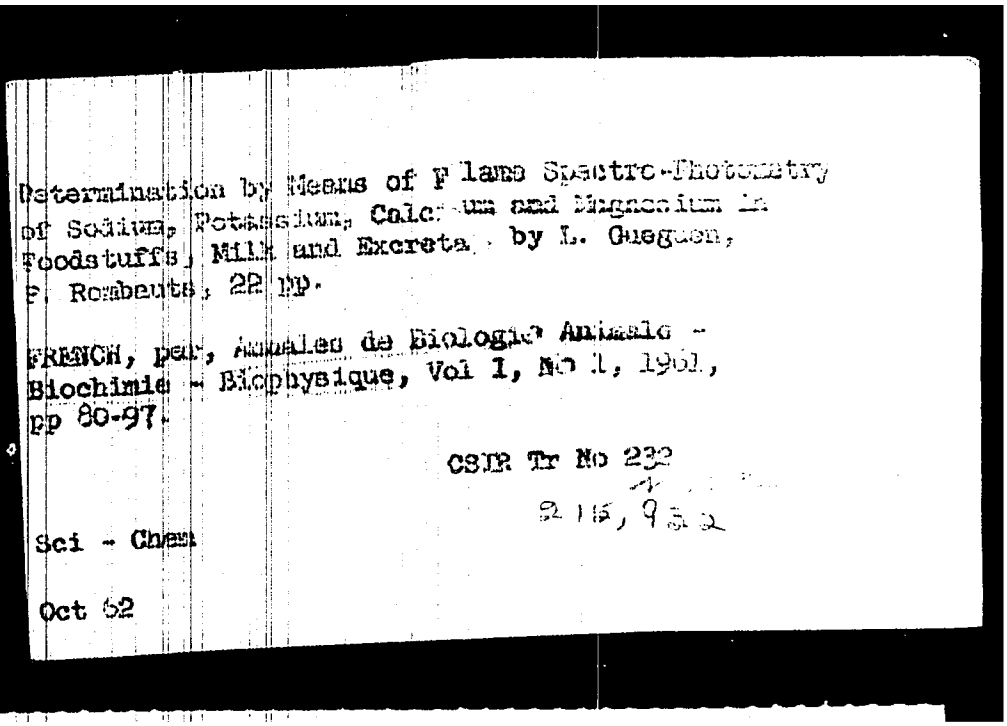

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NIH 7-14-60

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TT-64-16879

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CFSTI TT-64-18645

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ON THE POSSIBLE INFLUENCE OF SOME DRUGS AND BIOLOGIC SUBSTANCES ON THE DETERMINATIONS OF URINARY GLUCOSE WITH NOTATIN.
[1961] 3p.
Order from SLA $1.10 61-16481

Trans. of Ann[ales de] Biol[ogie] Clin[ique] (France) 1960, v. 18, p. 504-507.

DESCRIPTORS: *Drugs, Antibiotics, Biochemistry, *Urine, *Glucose, Determination.

(Biological Sciences--Pharmacology, TT, v. 6, no. 8)

61-16481

I. Paget, M.
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Scientific - Medicine

Jan 67 316,337

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S-1036/64

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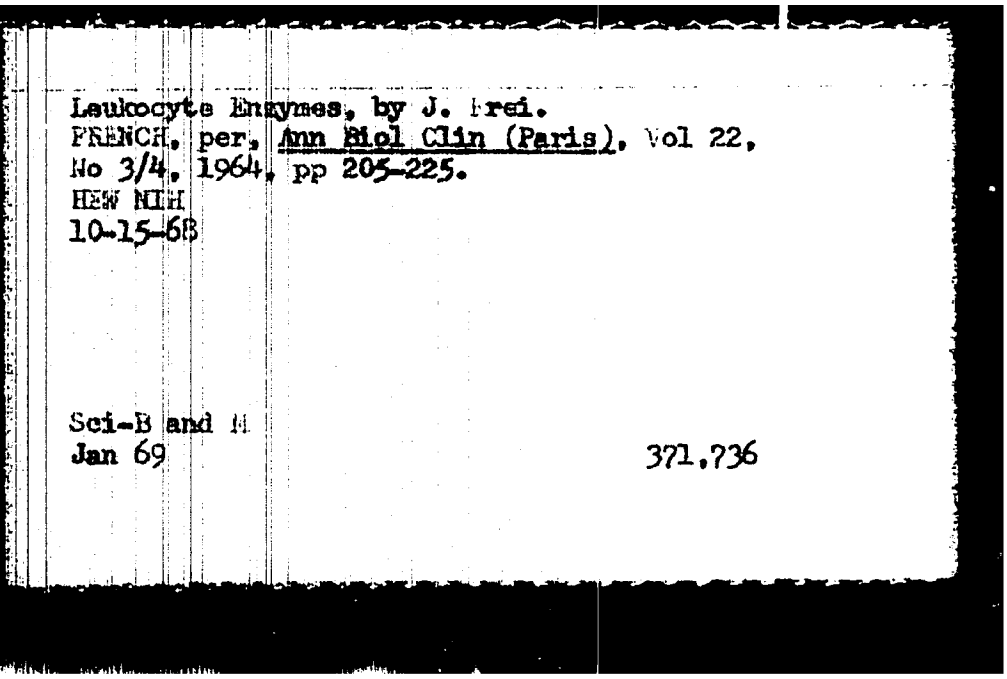

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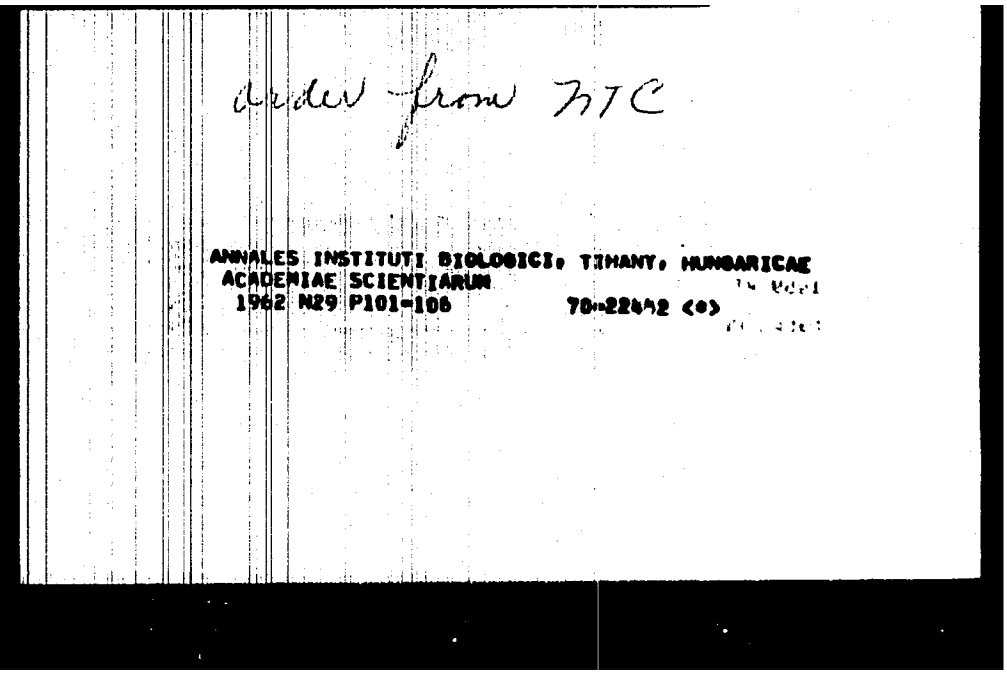

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1962 N29 P101-106 70-22442 <e>

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FTD-TT-65-1207

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IMSDOC-T1825

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NIH 1-9

SLA 58-3279 57,791

Sci - Med
WEur - Spain
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Jan 58

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Note on a New Method of Transfusion,
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SLA TT-65-13901

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NIH 12-5-62

Sci - Med

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BISI 6042

Sci/Mater
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NIH Tr 65

Scientific - ~~Biology~~ Chemistry

Oct 55

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Oppenheim, Alphons and Vogt, George.
ON A NEW MODE OF FORMATION OF RESORCIN.
[1963] 4p.
Order from SLA $1.10 63-14403

Trans. of [Justus Liebigs] Annalen d[er] Chem[ie]. Suppl[ementband] (Germany) [1869] v. 6, p. 376-380.

DESCRIPTORS: *Resorcinol, Synthesis (Chemistry), Chlorides, Sulfonic acids, Phenols, Sulfonic acid.

(Chemistry-Organic TT, v. 10, no. 6)

63-14403

1. Oppenheim, A.
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SLA tr 1660

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Sci - Chemistry, organic
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GERMAN, per, Annalen der Chemie,
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SLA Tr/1443/56

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Sci - Chemistry
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NASA TT F-12,045

Sci-Chem
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Trans. of [Justus Liebig's] Annalen der Chemie, (Germany) 1898, v. 300, p. 81-128.

(Chemistry--Organic, TT, v. 12, no. 6)

TT-64-16064

I. Traube, W.

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Part III. Some Alloys of Cerium and Lanthanum, by W. Muthmann, H. Beck, 9 pp.

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AEC-Tr-5677

Sci - Met & Met

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Order from SLA $1.10 63-16175

Condensed trans. of excerpts from [Justus Liebigs] Annalen der Chemie (Germany) [1905] v. 355, p. 137-143.

DESCRIPTORS: *Calcium, Alkaline earth metals, Reduction (Chemistry), *Potassium, *Sodium, Metals, Aluminum, Chlorides.

(Chemistry--Inorganic, TT, v. 10, no. 6)

63-16175

I. Muthmann, W.
II. Weiss, L.
III. Metzger, J.
IV. Title: About ...

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On the Cupro-Compounds of Carbon Monoxide, by
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GHBAI, per, Annalen der Chemie, Vol 359, 1908,
100-128. P911097866
AEC ORNL-tr-1545

Sci/Chemistry
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Sci/Chemistry
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Tetraphenylhydrazine and Hexaphenylethan, by Heinrich Wieland. FOR OFFICIAL USE ONLY

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Navy Tr 3087/APL T-280

Sci - Chem

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Jul 62

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On the Existence of a Surface Viscosity in the Thin Transition Layer Separating one Liquid from Another Contiguous Fluid, by J. Boussinesq, 18 pp.
FRENCH, per, Ann de Chimie et de Physique,
Vol 29, 1913, pp 349-371.
ARM/RSIC/Tr-944-69
GOVERNMENT USE ONLY

Sci/Phy
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E. Carriere

Study of Aldehyde Acids of the Succinic Series.
FRENCH, per, Annales de Chimie, Series 9, Vol 17,
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NTC 72-13554-07C

Nov 72

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Ziegler, K., Crossmann, F., Kleiner, H., and Schäfer, O.
ALKALI ORGANIC COMPOUNDS. I. REACTIONS BETWEEN UNSATURATED HYDROCARBONS AND ALKALI METAL ALKYLS. [1964] 48p (figs omitted) 35refs
Order from SLA $4.60 TT-64-14926

Trans. of [Justus Liebigs] Annalen der Chemie (Germany) 1929, v. 473, p. 1-35.

(Chemistry--Organic, TT, v. 11, no. 11)

TT-64-14926

I. Ziegler, K.
II. Crossmann, F.
III. Kleiner, H.
IV. Schäfer, O.
V. Title: Reactions...

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37p (figs omitted) 7refs
Order from SLA $3.60 TT-64-14928

Trans. of [Justus Liebigs] Annalen [der Chemie] (West Germany) 1929, v. 473, p. 57-82.

(Chemistry--Organic, TT, v. 11, no. 11)

TT-64-14928

I. Ziegler, K.
II. Kleiner, H.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

Huckel, W., Danneel, R. and others.
THE STEREOCHEMISTRY OF BICYCLIC RING SYSTEMS. V. Δ9, 10-OCTALIN. [1962] 18p.
Order from ATS $2.45 ATS-70P59G

Trans. of [Justus Liebigs] Ann[alen der] Chem[ie] (Germany) 1929, v. 474, p. 121-144.

DESCRIPTORS: *Stereochemistry, Molecular structure, *Naphthalenes.

(Chemistry--Organic, TT, v. 8, no. 11)

62-17145

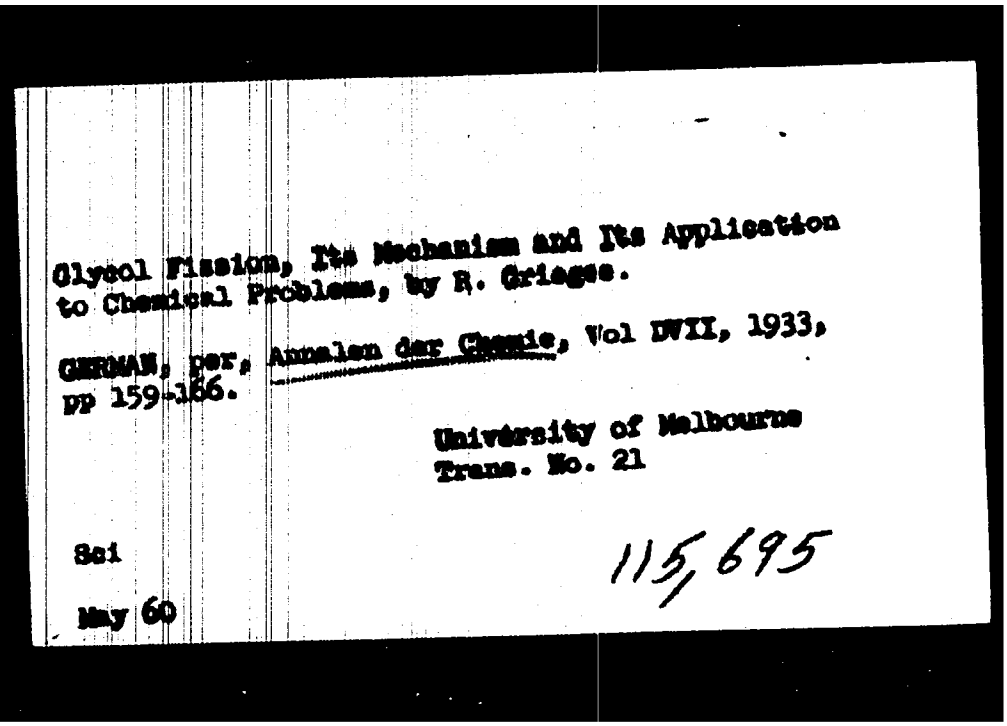
I. Huckel, W.
II. Danneel, R.
III. ATS-70P59G
IV. Associated Technical Services, Inc., East Orange, N. J.

ATS/1043-GT

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7



Glycol Fission, Its Mechanism and Its Application to Chemical Problems, by R. Criegee.

GERMAN, per, Annalen der Chemie, Vol DVII, 1933, pp 159-166.

University of Melbourne
Trans. No. 21

115,695

Sci

May 60

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

Information on the Photosensitivity of Arylβ - Naphthylamine Azo Dyes, by F. Krollpfeiffer, F C. Mulhausen, G. Wolf, 22 pp.

GERMAN, per, Annalen der Chemie, Vol DVIII, 1934, pp 39-51.

NIH 3-18-61

Sci - Med
May 61

150,589

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

Catalysis in the Polymerization of Unsaturated Hydrocarbons by Organoalkali Compounds, by K. Ziegler, L. Jakob, 34 pp.
GERMAN, per, Annalen der Chemie, Vol XII, No 511, 1934, pp 45-64.
Patent Office

Sci - Chem
Sept 64

266,488

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

The First Reaction Paroducts of Alkali Metals on Butadiene, by K. Ziegler, L. Jakob, 43 pp.
GERMAN, per, Annalen der Chemie, Vol XIII, No 511, 1934, pp 64-88,
Patent Office

Sci - M/M
Sept 64

267,051

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

The Oxidation of Double Bonds. I. The Oxidation of Endo-Cis-3, 6-Endomethylene-Delta^4-Tetrahydrophthalic Acid, by Kurt Alder, Stephan Schneider, 15 pp.

GERMAN, per, Annalen der Chemie, No 524, 1936, pp 189-202, 1936.

S.L.A. No 4

30,410

Scientific - Chemistry
Jan 56 CTS/DEX

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

Ziegler, K., Grimm, H., and Willer, R.
[ALKALI ORGANIC COMPOUNDS]. XV. CONTROLLER 1,4-POLYMERIZATION OF BUTADIENE. [1964] 48p (figs omitted) 10refs
Order from SLA $4.60 TT-64-14906

Trans. of [Justus Liebigs] Ann[alen der Chemie] (Germany) 1939, v. 542, p. 90-122.

See also TT-64-14896.

(Chemistry--Organic, TT, v. 11, no. 11)

TT-64-14906

I. Ziegler, K.
II. Grimm, H.
III. Willer, R.
IV. Title: Controller...

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

On Fumaric Hydrogenase As Yellow Enzyme. Biochemical Hydrogenation IX (1), by F. G. Fischer, A. Roedig, K. Rauch, 63 pp.

GERMAN, per, Ann d Chem., Vol DLII, No 1/2, 1942, pp 203-242.

NIH

Scientific - Chemistry CTB/DEX

17,925

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

Comparative Study of Oxidation of Nickelous, Cobaltous Manganous and Ferrous Hydroxides by the Wet Process, by J. Basson, 8 pp.

GERMAN

[redacted], per, Annalen de Chem, Ser 12 Vol II, Sep/Oct 1947.

S.L.A. Tr 419/1956

35571

Sci - Chemistry

Jun 1956

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

Boron Alkali Metal Organic Complexes, by
Georg Wittig, Georg Keicher and others,
17 pp.

GERMAN, Per, Annalen der Chemie, 1949,
Vol DLXIII, No 1/2, pp 110-126.

SLA 59-10013

Sci
Oct 59
Vol 2, No 3

99,901

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

The Urea Additive of Aliphatic Compounds, by W. Schlenk.
GERMAN, per, Annalen der Chemie, Vol 565, No 3, 1949, pp 204-240.
ACSI J-3899
ID 2204058467

Sci/Chem
Apr 68

351.448

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

NRC-TT-1439 Uncl

A CHEMICALLY INERT GEL. Biget, Anne-Marie. Translated by D. A. Sinclair (National Research Council, Ottawa), from Ann. Chim. (Paris); (12) 5: 66-105(1950). 33p.

chemistry (physical)

ND-4 NP RC

Unlimited

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

Ziegler, K. and Gellert, H. G.
ALKALI ORGANIC COMPOUNDS. XVI. THERMAL STABILITY OF LITHIUM ALKYLS. [1964] 9p 14refs
Order from SLA $1.10 TT-64-14929

Trans. of [Justus Liebigs] Annalen [der Chemie] (West Germany) 1950, v. 567, p. 179-184.
Another trans. is available in French from SLA mi$1.80, ph$1.80 in CEA-tr-A553, 25 Mar 59 [5]p.

See also TT-64-14906

(Chemistry--Organic, TT, v. 11, no. 11)

TT-64-14929

I. Ziegler, K.
II. Gellert, H. G.
III. Title: Thermal...

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

Investigation of the Formation of Intriles VII, Allyl Cyanide, by P. Kurtz, 8 p.

GERMAN, per. Annalen der Chemie, 1951, Vol DLXXII, No 1, pp 69-74

SLA 60-10136

Sci
Apr 60
Vol III, No 3

112,111

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

Ring Extension of Tetraphenylpyrrole, by
Richard Kuhn, Helmuth Kainer. FOR OFFICIAL USE ONLY

GERMAN, per, Annalen der Chemie, Vol DLXXVIII,
No 3, 1952, pp 226-227.

Navy Tr 3077/APL T-267

Sci - Chem

Apr 62

190,392

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

Ring Opening of Tetraphenylpyrrol, by Richard Kuhn. FOR OFFICIAL USE ONLY

GERMAN, per, Annalen der Chemie, Vol DLXXVIII, No 3, 1952, pp 227-229.

Navy Tr 3081/APL T-272

Sci - Chem

Apr 62

190,396

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

On Pyrrole Radicals, by Richard Kuhn, Helmuth Kainer. FOR OFFICIAL USE ONLY

GERMAN, per, Annalen der Chemie, Jul-Dec 1952, pp 227-238, 577,578.

Navy Tr 3073/AFL T-261

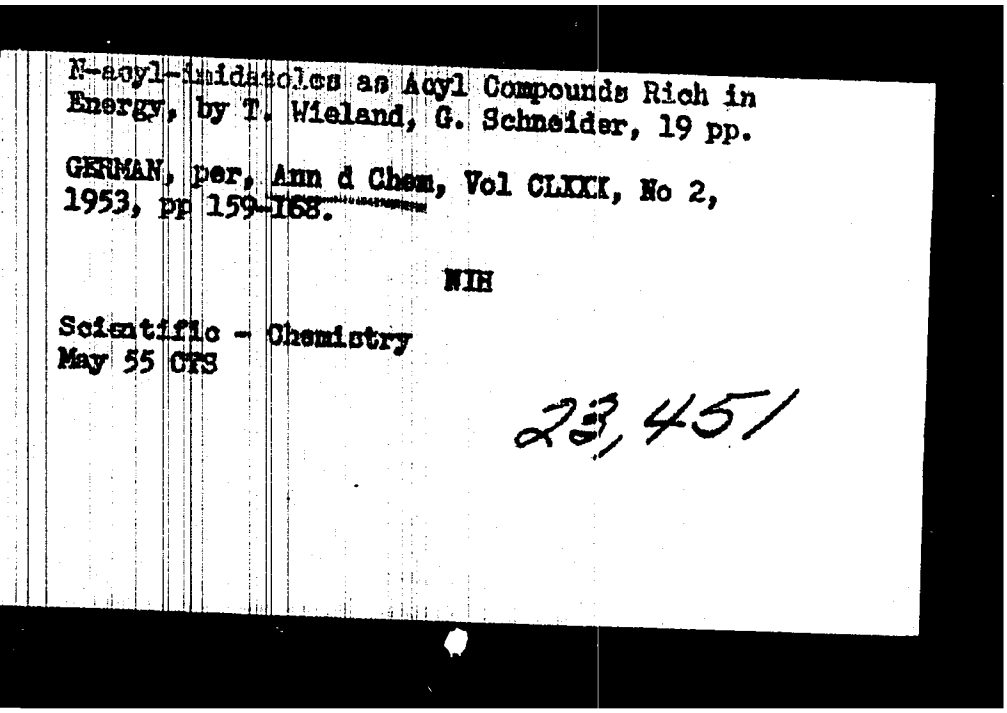
Sci - Chem

Apr 62

191, 250

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7



N-acyl-imidazoles as Acyl Compounds Rich in Energy, by T. Wieland, G. Schneider, 19 pp.

GERMAN, per, Ann d Chem, Vol CLXXI, No 2, 1953, pp 159-168.

NIH

Scientific - Chemistry
May 55 CFS

23,451

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

Wieland, Theodor and Motzel, Werner.
THE PRESENCE OF BUFOTENIN IN YELLOW AMANITA MUSHROOMS. [1963] 6p (figs omitted) 15refs
Order from SLA $1.10 TT-64-14764

Trans. of [Justus Liebigs] Ann[alen der Chemie] (West Germany) 1953, v. 581, p. 10-16.

(Chemistry--Analytical, TT, v. 11, no. 11)

TT-64-14764

I. Wieland, T.
II. Motzel, W.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

Carbonylization, by W. Reppe.
GERMAN, per. Annalen der Chemie, Vol DLXXXII,
1953, pp 1-161.
*Dept of Navy/APL/JHU J-825

Sci-Chem
Jun 66

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

Preparation of Thionyl Chloride, 2 pp.

GERMAN, per, Ann. Chem, Michaelis Liebigs,
No 274, pp 184-186.

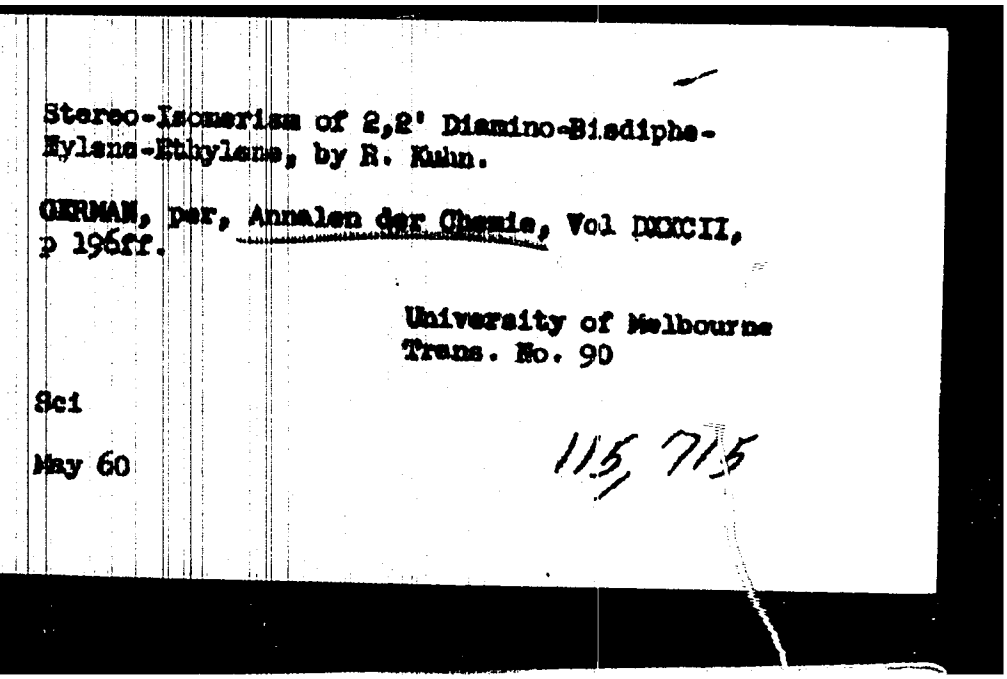
S.I.A. Tr No 1878

Sci - Chemistry, organic
Apr 57

46,849

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7



Stereo-Isomerism of 2,2' Diamino-Bisdiphe-
Nylene-Ethylene, by R. Kuhn.

GERMAN, per, Annalen der Chemie, Vol DXXCII,
p 196ff.

University of Melbourne
Trans. No. 90

Sci

May 60

115, 715

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

Some New Addition Reactions of Azodicarboxylic Acid Esters, by Kurt Alder, Hans Niklas, 24 pp.

GERMAN, per, Annalen der Chemie, No 585, 1954, pp 81-96.

S.K L. A. No 5

Scientific - Chemistry
Jan 56 CTS/DEX

30,411

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

Alder, Kurt and Niklas, Hans.
NEW SYNTHESIS IN THE CINNOLIN AND N-AMINO IN DIENE SERIES THROUGH ADDITION OF AZODICARBOXYLIC ESTER TO THE STYRENE SYSTEM. [1961] 13p.
Order from SLA mi$2.40, ph$3.30 61-10819

Trans. of [Justus Liebigs] Annalen [der Chemie] (West Germany) 1954, v. 585 [no. 2] p. 97-108.

(Chemistry--Organic, TT, v. 5, no. 12)

61-10819

1. Azo compounds--Chemical reactions
2. Styrenes--Chemical reactions
3. Diene compounds--Synthesis
4. Carboxylic acids--Chemical reactions

I. Alder, K.
II. Niklas, H.

148674

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

Polymethine Dyes. I. On Cyanomethines, by M. Strell, W. B. Braunbruck, W. F. Fuhler, O. Huber, 34 pp.

GERMAN, per, Annalen der Chemie, No 587, (3) 1954, pp 177-194.

NIH Tr 10-13

sci - Chemistry

54, 663

Oct 57

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

Polymethine Dyes. II. On Malocyanines,
by M. Strell, W. B. Breunbruck, L. Reithmayr,
24 pp.

GERMAN, per, Annalen der Chemie, No 587 (3),
1954, pp 195-206.

MIH Tr 10-14

Sci - Chemistry

5.4; 5644

Oct 57

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

Ziegler, Karl, Sauer, Hans, Bruns, Ludwig, Froitzheim-Kühlhorn, Helga, and Schneider, Joseph.
ON MULTIPLE MEMBERED RING SYSTEMS. XIV. CYCLOOLEFINS OF AVERAGE RING DIMENSIONS.
35p 50refs
Order from SLA $3.60 TT-64-16334

Trans. of [Justus Liebig's] Annalen der Chemie (West Germany) 1954, v. 589 [no. 2] p. 122-156.

(Chemistry--Organic, TT, v. 12, no. 4)

TT-64-16334

I. Ziegler, K.
II. Sauer, H.
III. Bruns, L.
IV. Froitzheim-Kühlhorn, H.
V. Schneider, J.
VI. Title: Cycloolefins...

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

Reppe, Walter and others.
ETHYNYLATION, VI. [1964] 117p 48refs
Order from SLA $9.60 TT-64-16159

Partial trans. (p. 158-224) of [Justus Liebigs] Annalen der Chemie (West Germany) 1955, v. 596, p. 1-224.
Another trans. of p. 158-224 is available from K-H-$117.00 as K-H-3858, 117p.

(Chemistry--Organic, TT, v. 12, no. 4)

TT-64-16159

1. Reppe, W.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

Polarographic Research on Nonaqueous Solvents: Preliminary Studies on Anhydrous Hydrazine, by C. Furlani.
FRENCH, per, Annali de Chimica, Vol 45, 1955, pp 264-273.
NASA TT F-11,802

264

GOVERNMENT SUE ONLY
Sci-Chem
Jan 68 348,669

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

Kinetics of Combustion of Carbon at High Temperatures and Low Pressures, by M. Duval,

GERMAN, per., Ann de Chimie, Vol X, [illegible],
pp [illegible] 403-457.

RAE 573

Sci
WJun 63

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

Isomer Transformation of Urea in
Acqueous Solution, by O. T. Rotini et al.
ITALIAN, per, Ann, di Chimica, Vol 46,
1956, pp 440-450.
*Dept of Navy/BMB

Sci-BMM
Oct 66

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

Chemisorption of Alcohols on Amorphous Silica, by W. Stober,

GERMAN, per, Annalen der Chem, Justus Liebigs, Vol DCIV, 1957, pp 104-110.

ATS 445-GJ

Sci - Chem

Aug 60

123,348

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

Dissociation of Tetraphenylhydrazine, by V. Franzen.
FOR OFFICIAL USE ONLY
GERMAN, per, Annalen der Chemie, 1957, pp 251-256.

Navy Tr 3079/AFL T-269

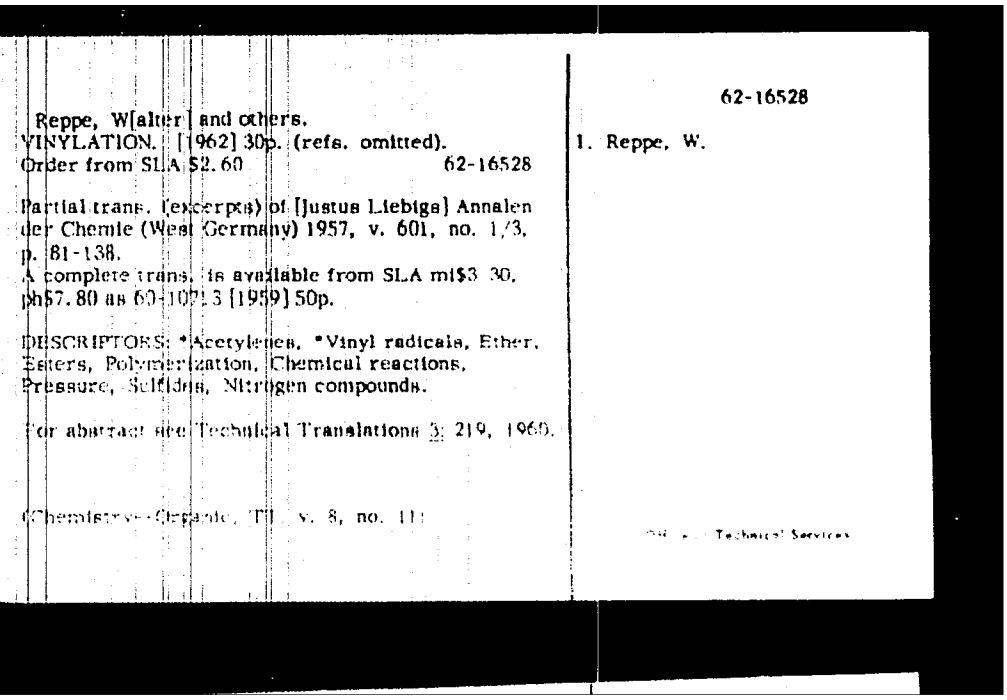
Sci - Chem

Apr 62

190,394

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7



Reppe, W[alter] and others.
VINYLATION. [1962] 30p. (refs. omitted).
Order from SLA $2.60 62-16528

Partial trans. (excerpts) of [Justus Liebigs] Annalen der Chemie (West Germany) 1957, v. 601, no. 1/3, p. 81-138.
A complete trans. is available from SLA ml$3.30, ph$7.80 as 60-10213 [1959] 50p.

DESCRIPTORS: *Acetylenes, *Vinyl radicals, Ether, Esters, Polymerization, Chemical reactions, Pressure, Sulfides, Nitrogen compounds.

For abstract see Technical Translations 3: 219, 1960.

Chemistry--Organic, TT, v. 8, no. 11

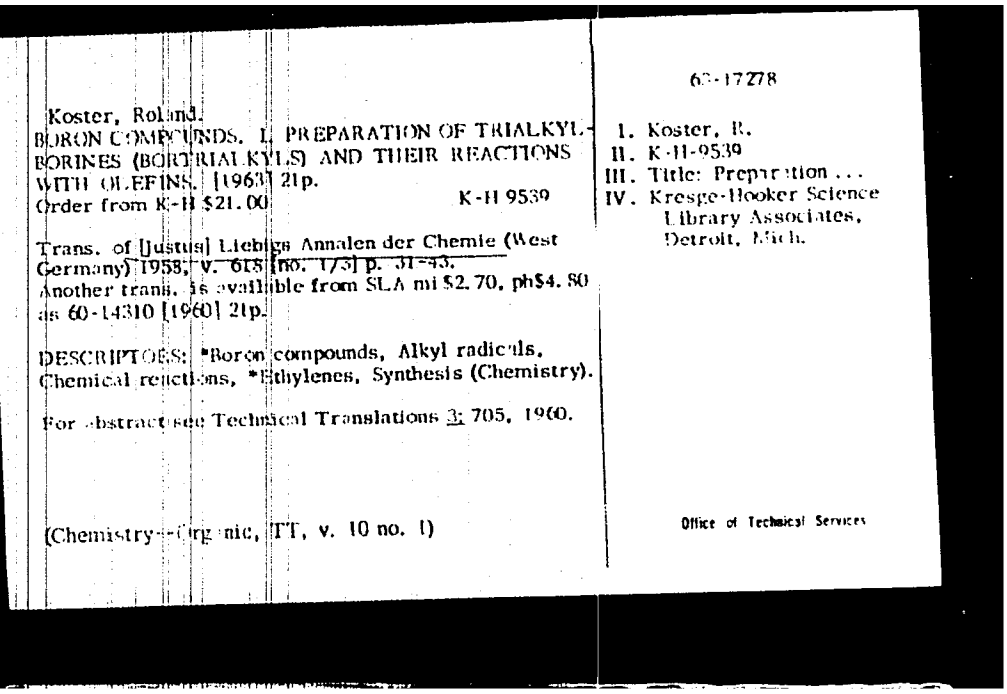
62-16528

1. Reppe, W.

Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7



Koster, Roland.
BORON COMPOUNDS. I. PREPARATION OF TRIALKYL-BORINES (BORTRIALKYLS) AND THEIR REACTIONS WITH OLEFINS. [1963] 21p.
Order from K-H $21.00 K-H 9539

Trans. of [Justus] Liebigs Annalen der Chemie (West Germany) 1958, v. 615 [no. 1/3] p. 31-43.
Another trans. is available from SLA mi $2.70, ph$4.80 as 60-14310 [1960] 21p.

DESCRIPTORS: *Boron compounds, Alkyl radicals, Chemical reactions, *Ethylenes, Synthesis (Chemistry).

For abstract see Technical Translations 3: 705, 1960.

(Chemistry--Organic, TT, v. 10 no. 1)

63-17278

1. Koster, R.
II. K-H-9539
III. Title: Preparation ...
IV. Kresge-Hooker Science Library Associates, Detroit, Mich.

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

Appel, Rolf, Büchner, Werner, and Guth, Egbert. A CONTRIBUTION TO THE KNOWLEDGE OF THE IMINE. I. PHOSPHINIMINES AND SULFIMINES (Zur Kenntniss des Imins. I. Über Phosphinimine und Sulfimine). [1961] 11p. 25 refs.
Order from SLA $1.60 61-18637

Trans. of [Justus Liebigs] Annalen der Chemie (West Germany) 1958, v. 618, p. 53-58.

DESCRIPTORS: *Phosphinimines, *Sulfimines, Chemical reactions, Imines.

The reaction of hydroxylamine-O-sulfonic acid with triphenylphosphin yields triphenylphosphinimine, R_3P-NH, which can be stabilized by salification as hydrogen sulfate, methyl sulfate and picrate. If the reaction takes place in the presence of thioethers in lieu of phosphin, it will yield the heretofore unknown sulfimines, R_2S-NH. These sulfimines are less stable, (Chemistry--Organic, TT, v. 6, no. 9) (over)

61-18637

I. Appel, R.
II. Büchner, W.
III. Guth, E.
IV. Title: Phosphinimines...

185462

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

Ziegler, K[arl], Köster, R[oland] and others.
NEW COMPLEX COMPOUNDS OF ALUMINUM ALKYLS. Pt. 30 of Metallo-organic Compounds. [1961] 14p. (introduction experimental part footnotes omitted) 4 refs.
Order from SLA $1.60 61-20862

Trans. of [Justus Liebigs] Ann[alen der] Chem[ie] (West Germany) 1960, v. 629 [no. 1/3] p. 33-49.
Another trans. is available from SLA $2.60 as 61-20453 [1961] 29p.

DESCRIPTORS: Metalorganic compounds, *Aluminum compounds, *Alkyl radicals, Chemical reactions, *Chemical compounds, Synthesis

(Chemistry--Organic, TT, v. 7, no. 6)

61-20862

I. Ziegler, K.
II. Köster, R.
III. Title: Metallo-organic...

ATS/[illegible]-S[illegible]

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

Kortüm, Gustav and Braun, Walter.
PHOTOCHEMICAL REACTIONS OF ANTHRACENE IN THE ADSORBED STATE. [1960] 15p. 13 refs.
Order from SLA mi$2.40, ph$3.30 61-10201

Trans. of [Justus Liebigs] Annalen der Chemie (West Germany) 1960, v. 632 [no. 173] p. 104-115.

The oxides and salts used as adsorbents are shown to exert a strong catalytic effect on the reaction

$$\text{Anthracene} \xrightarrow[\text{adsorb.}]{h\nu,\ O_2} \text{Anthraquinone}$$

The intermediate endoperoxide state which is generally postulated in the case of oxidation in solution probably does not occur in reactions which take place at the surface of powders, as shown by analogous measurements with 9, 10-diphenylanthracene. With aluminum oxide and silica gel as adsorbents, 1, 4-dihydroxy-anthraquinone (Quinizarine) is formed from anthracene or anthraquinone in continuation of the above reaction. In this case the catalytic influence of the adsorbents
(Chemistry--Physical, TT, v. 5, no. 4) (over)

61-10201

1. Anthracenes--Photochemical reactions
I. Kortüm, G.
II. Braun, W.

143,208

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Roedig, Alfred and Märkl, Gottfried.
ON THE CONSTITUTION OF THE VARIOUS $C_5Cl_4O_2$ COMPOUNDS; CONCERNING THE PERCHLORO DERIVATIVES OF CYCLOPENTENE-1-DIONE-3,5, PYRONE-2 AND PROTOANEMONIN. [1960] [17]p. 43 refs.
Order from SLA m$2.40, ph$3.30 61-10628

Trans. of [Justus Liebig's] Annalen der Chemie (West Germany) 1960, v. 636 [no. 1/3] p. 1-18.

The preparation of the compounds $C_5Cl_4O_2$ named in the title, which have long been known but incorrectly identified, was improved and their structure definitively proved by new reactions as well as by UV and IR. Perchlorocyclopentene-1-dione-3,5 rearranged under the influence of oleum into perchloroprotoanemonin. As a common intermediate there appears, on alkaline degradation of both compounds, 5H-tetrachloropentene-2-one-4-oic acid. The perchloropyrone-2 obtainable by thermal decomposition of
(Chemistry--Organic, TT, v. 5, no. 9) (over)

61-10628

1. Chlorine compounds (Organic)--Molecular structure
2. Cyclic compounds--Synthesis
I. Roedig, A.
II. Märkl, G.

151798

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

Rieche, Alfred and Seeboth, Helmuth.
THE REACTIONS OF NAPTHOLS AND NAPTHYLAMINES UNDER THE INFLUENCE OF HYDROGEN SULFITE (BUCHERER REACTION). I. PROPERTIES AND STRUCTURE OF INTERMEDIARIES OF THE BUCHERER REACTION. [1961] 21p.
Order from SLA $2.60 62-10047

Trans. of [Justus Liebigs] Annalen der Chemie (West Germany) 1960, v. 638, p. 43-56.

DESCRIPTORS: *Naphthalenes, *Amines, *Naphthyl radicals, *Hydrogen compounds, Sulfites, Chemical reactions, Hydroxides, Sulfonic acids, Acids, Complex compounds, Chemical properties, Crystal structure.

(Chemistry--Organic, TT, v. 7, no. 6)

62-10047

1. Title: Bucherer reactions
I. Rieche, A.
II. Seeboth, H.
III. Title: Properties...

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

Rieche, Alfred and Seeboth, Helmuth.
REACTIONS OF NAPHTHOLS AND NAPHTHYL-AMINES UNDER THE INFLUENCE OF HYDROGEN SULFITE. (BUCHERER REACTION). II. m-TETRALIN SULFONIC ACIDS AS INTERMEDIARIES OF THE BUCHERER REACTION. [1961] 16p.
Order from SLA $1.60 62-10039

Trans. of [Justus Liebigs] Annalen der Chemie (West Germany) 1960, v. 638, p. 57-66.

DESCRIPTORS: *Naphthalenes, *Amines, *Naphthyl radicals, Hydrogen compounds, Sulfites, Chemical reactions, Hydroxides, *Sulfonic acids, Acids, Complex compounds.

See also 62-10047

(Chemistry--Organic, TT, v. 7, no. 6)

62-10039

I. Title: Bucherer reactions
I. Rieche, A.
II. Seeboth, H.
III. Title: m-tetralin...

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

Rieche, Alfred and Seeboth, Helmuth.
REACTIONS OF NAPHTHOLS AND NAPHTHYLAMINES UNDER THE INFLUENCE OF HYDROGEN SULFITE (BUCHERER REACHTION). III. THE MECHANISM OF THE BUCHERER REACTION.
[1961] 14p.
Order from SLA $1.60 62-10038

Trans. of [Justus Liebigs] Annalen der Chemie (West Germany) 1960, v. 638, p. 66-75.

DESCRIPTORS: *Naphthalenes, *Amines, *Naphthyl radicals, Hydrogen compounds, Sulfites, Chemical reactions, Reaction kinetics.

See also 62-10039

(Chemistry--Organic, TT, v. 7, no. 5)

62-10038

1. Title: Bucherer reactions
I. Rieche, A.
II. Seeboth, H.
III. Title: Mechanism...

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

62-10037

Rieche, Alfred and Seeboth, Helmuth.
REACTIONS OF NAPHTHOLS AND NAPHTHYLAMINES UNDER THE INFLUENCE OF HYDROGEN SULFITE. (BUCHERER REACTION). IV. THE ADDITION COMPOUND OF B-NAPHTHOL AND $NaHSO_3$. [1961] 8p.
Order from SLA $1.10 62-10037

Trans. of [Justus Liebigs] Annalen der Chemie (West Germany) 1960, v. 638, p. 76-81.

DESCRIPTORS: *Naphthalenes, *Amines, *Naphthyl radicals, *Hydrogen compounds, Sulfites, Chemical reactions, *Sodium compounds, Complex compounds.

See also 62-10038

(Chemistry--Organic, TT, v. 7, no. 6)

I. Rieche, A.
II. Seeboth, H.
III. Title: Addition...

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

TT-65-12420 Field 7C

Haaf, W.; Koch, H.
SYNTHESIS OF CARBOXYLIC ACIDS FROM PARAFFINS THROUGH HYDRIDE TRANSFER. 13p, 15refs.
Order from SLA: $1.60 as TT-65-12420

Trans. of Justus Liebigs Annalen der Chemie (West Germany) v638 n1-3 p122-35 1960.
Another trans. is available from ATS $19.50 as ATS-58Q67G, 15p.

I. Haaf, W.
II. Koch, H.

MR 632

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

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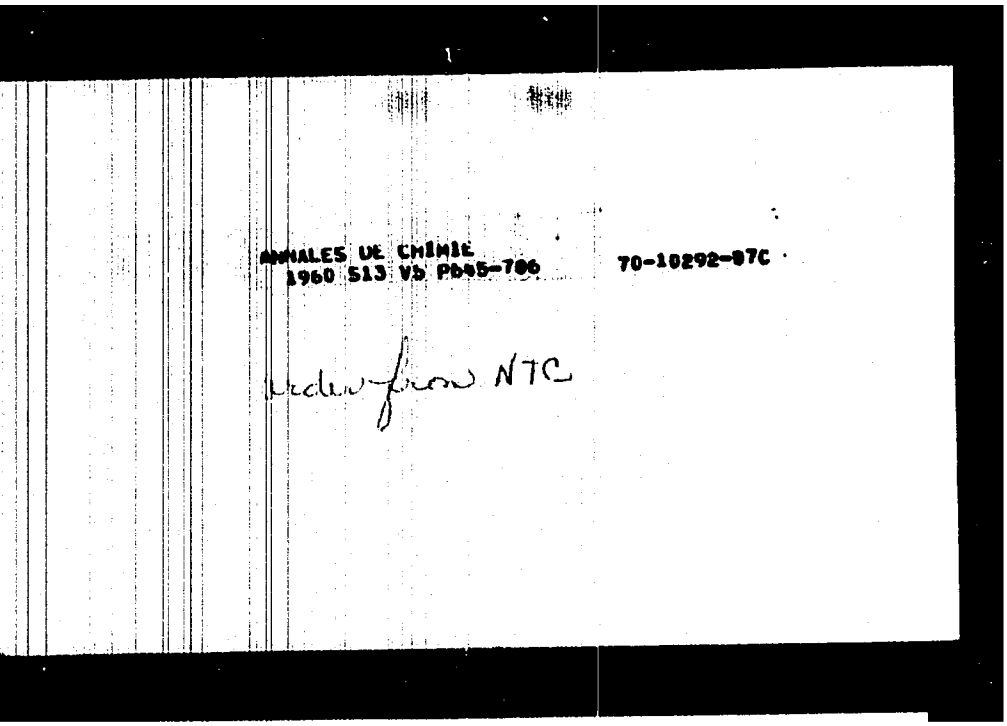

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1960 513 VS P645-706

70-10292-87C

Withdrawn from NTC

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

TT-65-11981 Field 7C

Klug, H.
TETRACHLOROSUCCINIC ACID AND DERIVATIVES.
I - III. TETRACHLOROSUCCINIC ACID AND DERIVATIVES BY CHLORINATION OF GAMMA-LACTONES OR GAMMA-LACTAMS. 37p, 30refs.
Order from SLA: $3.60 as TT-65-11981

Trans. of Justus Liebig's Annalen der Chemie (West Germany) v677 n1 p67-83 1964.

I. Klug, H.
II. Title: Tetrachlorosuccinic ...

MR 622

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

Polymembered Ring Systems: V(1) Formation Tendency of Cyclic Compounds, by K. Ziegler, R. Aurnhammer, 32 pp.
GERMAN, per, Annalen der Chemie, No 513, 1964, pp 1934-1943.
Patent Office

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

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Concerning a New Acid Related to the Picric Acid (Trinitrophenol), by Rudolph Bottger, Heinrich Will, 31 pp.

GERMAN, per, Ann Chem Pharm, Vol LVIII, 1846, pp 273-300.

AEC SCL-T-252

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Organic Base in Coca, by A. Niemann, 5 pp.
UNCLASSIFIED

GERMAN, per, Annalen der Chem und Pharm,
Vol CXIV, 1860, pp 213-217.

NIH 2-15

Sci - Chem

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SLA 58-111

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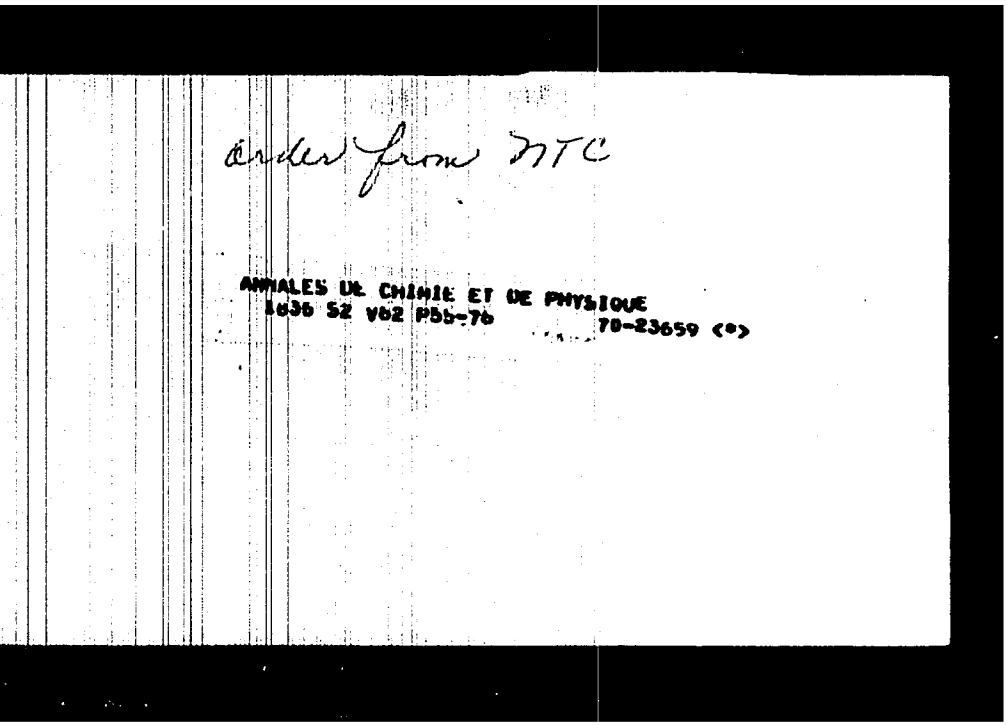

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ANNALES DE CHIMIE ET DE PHYSIQUE
1836 S2 V62 P55-76
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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900037-7

LAROQUE, M.F. On the gyratory motion of a liquid flowing through a thin wall circular orifice in the centre of the circular base of a cylindrical vessel.
Annls Chim.Phys. 61:345-55 (1861); 67:484-93 (1863)
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